



Water-Data Report 2008

12127100 SWAMP CREEK AT KENMORE, WA

Puget Sound Basin
Lake Washington Subbasin

LOCATION.--Lat 47°45'22", long 122°13'57" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.12, T.26 N., R.4 E., King County, WA, Hydrologic Unit 17110012, upstream from Bothell Way Bridge (State Hwy 522), at Kenmore, and at mile 0.5.

DRAINAGE AREA.--23.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1963 to June 1973, October 1973 to April 1974, October 1974 to May 8, 1990 (cont. gaging station); June to October 1942, September 2001, and October 2006 to March 2008 (discontinued) (discharge measurements only).

REVISED RECORDS.--WDR WA-84-1: 1983 (M). WDR WA-86-1: 1967 (P), 1968-72 (M), 1974-75 (M), 1979 (M), 1980 (P), 1982 (M), 1983 (P).

REMARKS.--Unpublished gage-height data files located in the Tacoma office of the Washington Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 ft³/s, Jan. 18, 1986, gage height, 7.73 ft; minimum discharge 2.3 ft³/s Aug. 12, 1977; minimum gage height, 1.71 ft July 31, Aug. 1, 2, 1965, Aug. 12, 1977.

DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft ³ /s
Nov 7, 2007	12.2
Jan 11, 2008	72.8
Mar 27, 2008	49.6

12127100 SWAMP CREEK AT KENMORE, WA—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--October 2006 to March 2008 (discontinued).

CHEMICAL DATA: November 2006, April to June 2007, August 2007.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 2006 through March 2008 (discontinued).

INSTRUMENTATION.--Temperature recorder with 15-minute logging interval.

REMARKS.--Temperature record is rated good except for October 1 to December 30, January 16 to February 4, and March 10-27, which are fair, and December 31 to January 15, which is poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 20.7°C, July 11, 2007; minimum recorded, 0.0°C, January 15, 2007.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 12.7°C, Oct. 2; minimum recorded, 2.0°C, Jan. 25.

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	12.6	11.6	12.0	8.0	6.8	7.4	4.2	3.0	3.7	4.9	4.3	4.6
2	12.7	11.9	12.2	6.8	4.8	5.9	4.3	3.1	3.6	5.6	4.8	5.2
3	11.9	11.0	11.5	9.1	6.3	7.6	8.7	4.3	7.0	6.0	5.6	5.8
4	11.3	10.3	10.7	10.0	8.4	9.4	9.2	8.7	9.0	6.4	5.9	6.1
5	10.8	9.7	10.2	8.4	7.1	7.7	8.8	7.4	8.4	6.4	5.9	6.2
6	10.7	9.5	10.0	8.6	7.0	7.8	7.4	6.2	6.7	5.9	5.2	5.5
7	12.3	10.7	11.5	9.5	8.5	9.0	6.6	5.7	6.2	5.2	4.9	5.1
8	11.8	10.4	11.1	10.3	9.4	9.8	5.7	3.6	4.6	5.2	4.7	5.0
9	12.0	10.6	11.3	10.6	9.9	10.2	4.0	3.2	3.6	5.4	5.1	5.3
10	12.6	11.5	11.9	10.4	9.2	10.1	4.6	4.0	4.3	6.2	5.3	5.7
11	11.8	10.2	11.0	9.2	8.7	8.9	4.8	3.9	4.4	6.8	6.2	6.5
12	12.0	10.6	11.2	8.8	7.7	8.4	5.2	4.2	4.8	6.8	6.2	6.5
13	11.1	9.4	10.2	7.7	6.2	7.0	5.5	4.7	5.1	6.9	6.5	6.7
14	11.5	8.8	10.1	7.0	5.3	6.1	6.5	5.5	6.0	6.5	5.5	6.2
15	11.2	10.5	10.9	8.9	7.0	8.0	6.5	6.2	6.3	5.6	4.7	5.0
16	11.0	10.1	10.6	9.7	8.9	9.3	6.4	5.8	6.2	4.8	4.3	4.6
17	10.2	9.3	9.8	9.1	8.6	8.8	6.2	5.2	5.9	5.1	4.7	4.9
18	10.4	9.3	9.7	8.7	7.7	8.2	6.2	5.1	5.6	5.2	4.8	5.0
19	10.6	10.0	10.3	8.0	7.2	7.7	6.4	6.0	6.2	5.4	5.2	5.2
20	10.1	9.6	9.9	7.3	6.0	6.8	6.4	5.2	6.2	5.5	5.2	5.3
21	10.4	9.8	10.1	6.0	4.7	5.4	5.2	4.1	4.6	5.2	3.5	4.2
22	12.0	10.3	11.0	4.8	3.5	4.1	5.5	4.6	5.1	3.5	2.6	2.9
23	12.2	10.3	11.3	4.3	2.8	3.5	6.3	5.3	5.8	2.8	2.2	2.5
24	11.6	10.3	11.1	5.1	3.0	3.9	6.3	5.0	5.7	2.7	2.2	2.5
25	10.3	8.5	9.5	5.0	3.6	4.3	5.0	4.7	4.8	2.7	2.0	2.3
26	8.5	6.9	7.7	4.5	3.1	3.7	5.2	4.8	5.0	2.8	2.1	2.4
27	8.4	6.2	7.2	4.9	3.6	4.4	5.0	4.8	4.9	3.4	2.8	3.1
28	8.5	6.3	7.4	5.6	4.7	5.2	5.3	4.8	5.0	3.3	2.9	3.1
29	8.9	7.5	8.1	5.4	4.2	5.0	5.3	4.8	5.1	3.3	3.0	3.2
30	8.5	7.2	7.7	4.8	3.9	4.3	5.2	4.8	5.0	3.7	3.1	3.3
31	7.5	5.7	6.7	---	---	---	5.1	4.5	4.8	4.3	3.7	4.0
Month	12.7	5.7	10.1	10.6	2.8	6.9	9.2	3.0	5.5	6.9	2.0	4.6

12127100 SWAMP CREEK AT KENMORE, WA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	4.7	4.3	4.4	8.2	7.4	7.7	---	---	---	---	---	---
2	4.8	4.4	4.6	7.5	6.2	6.9	---	---	---	---	---	---
3	4.5	4.0	4.2	7.2	6.5	6.7	---	---	---	---	---	---
4	4.2	3.7	4.0	7.0	6.3	6.6	---	---	---	---	---	---
5	4.8	4.2	4.5	6.6	5.1	5.9	---	---	---	---	---	---
6	4.7	4.3	4.4	6.6	5.0	5.7	---	---	---	---	---	---
7	5.0	4.4	4.6	7.1	6.4	6.7	---	---	---	---	---	---
8	5.2	5.0	5.1	7.6	7.0	7.2	---	---	---	---	---	---
9	6.2	5.2	5.6	7.8	6.3	6.9	---	---	---	---	---	---
10	6.8	6.2	6.6	8.3	7.4	7.8	---	---	---	---	---	---
11	6.7	6.4	6.5	8.5	7.6	8.0	---	---	---	---	---	---
12	6.8	6.4	6.6	8.2	7.0	7.5	---	---	---	---	---	---
13	6.6	5.8	6.2	7.6	6.9	7.1	---	---	---	---	---	---
14	6.0	5.1	5.5	7.0	6.6	6.8	---	---	---	---	---	---
15	5.8	5.3	5.5	7.1	6.5	6.8	---	---	---	---	---	---
16	6.3	5.6	5.9	7.2	6.6	6.9	---	---	---	---	---	---
17	5.9	4.8	5.3	7.1	6.3	6.7	---	---	---	---	---	---
18	5.2	4.2	4.8	7.5	6.4	6.8	---	---	---	---	---	---
19	5.1	4.2	4.7	7.7	6.3	7.0	---	---	---	---	---	---
20	6.3	5.1	5.6	7.5	6.7	7.1	---	---	---	---	---	---
21	6.0	4.8	5.4	7.5	6.4	6.9	---	---	---	---	---	---
22	6.3	5.0	5.6	7.5	5.6	6.5	---	---	---	---	---	---
23	6.6	5.6	6.1	7.3	6.8	7.0	---	---	---	---	---	---
24	7.0	5.5	6.2	6.8	5.6	6.2	---	---	---	---	---	---
25	7.2	6.4	6.8	6.5	5.2	5.8	---	---	---	---	---	---
26	7.0	5.8	6.4	6.2	5.7	6.0	---	---	---	---	---	---
27	7.6	6.3	6.9	---	---	---	---	---	---	---	---	---
28	8.3	7.5	7.8	---	---	---	---	---	---	---	---	---
29	8.5	7.3	7.9	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	8.5	3.7	5.6	---	---	---	---	---	---	---	---	---

12127100 SWAMP CREEK AT KENMORE, WA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---